

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-38: Cancelled

39. (New) A method of manufacturing a corrugated board comprising the steps of:

supplying a first web of medium having a first and second sides;

corrugating the first web of medium to include a plurality flutes on each side thereof, each flute having a crest;

supplying a second web of medium;

applying a non-adhesive wetting agent to a plurality of crests on the first side of the first web;

applying an adhesive composition to the plurality of crests on the first side of the first web; and

securing the second web to the plurality of crests on the first side of the first web to form a single-faced corrugated board.

40. (New) The method of claim 39, wherein the wetting agent substantially comprises water.

41. (New) The method of claim 39, wherein the step of applying a wetting agent is prior to the step of applying an adhesive composition.

42. (New) The method of claim 39, wherein the step of applying an adhesive composition comprises applying a starch composition to the plurality of crests on the first side of the first web.

43. (New) The method of claim 42, wherein the starch composition is selected from the group consisting of maize starch, wheat starch, potato starch, and tapioca.

44. (New) The method of claim 39, wherein the step of applying a wetting agent to the plurality of crests on the first side of the first web comprises applying a water composition to the plurality of crests on the first side of the first web at a predetermined rate, wherein the predetermined rate is any one of a constant rate and a variable rate.

47. (New) The method of claim 39, wherein the step of applying a wetting agent to the crests on the first side of the first web comprises using any one of an anilox system, a sprayer, a plurality of rollers, a rod coater, and a belt system.

48. (New) A method of manufacturing a corrugated board comprising the steps of:

supplying a first web of medium having a first and second sides;

corrugating the first web of medium to include a plurality flutes on each side thereof, each flute having a crest;

supplying a second web of medium;

applying a non-adhesive wetting agent to a plurality of crests on the first side of the first web;

applying an adhesive composition to the plurality of crests on the first side of the first web;

securing the second web to the plurality of crests on the first side of the first web;

supplying a third web of medium;

applying the non-adhesive wetting agent to the plurality of crests on the second side of the first web;

applying the adhesive composition to the plurality of crests on the second side of the first web; and

securing the third web to the plurality of crests on the second side of the first web.

49. (New) The method of claim 48, wherein the wetting agent substantially comprises water.

50. (New) The method of claim 48, wherein the step of applying a non-adhesive wetting agent is prior to the step of applying an adhesive composition.

51. (New) The method of claim 48, wherein the step of applying an adhesive composition comprises applying a starch composition to the plurality of crests on the first side of the first web.

52. (New) The method of claim 51, wherein the starch composition is selected from the group consisting of maize starch, wheat starch, potato starch, and tapioca.

53. (New) The method of claim 48, wherein the step of applying a wetting agent to the plurality of crests on the first side of the first web comprises applying a water composition to the plurality of crests on the first side of the first web at a predetermined rate, wherein the predetermined rate is any one of a constant rate and a variable rate.

54. (New) The method of claim 48, wherein the step of applying a wetting agent to the crests on the first side of the first web comprises using any one of an anilox system, a sprayer, a plurality of rollers, a rod coater, and a belt system.

55. (New) A method of manufacturing a corrugated board comprising the steps of:

supplying a first web of corrugated medium having a first side and a second side, the first web of corrugated medium having a plurality flutes on each side thereof, each flute having a crest;

supplying a second web of medium;

applying a non-adhesive wetting agent to a plurality of the crests on the first side of the first web, the applying of the wetting agent causing the plurality of the crests to wet in preparation for receiving an adhesive composition;

applying the adhesive composition to the plurality of crests on the first side of the first web at an amount proportional to an amount of the wetting agent applied to the plurality of the crests; and

securing the second web to the plurality of crests on the first side of the first web to form a single-faced corrugated board.

56. (New) The method of claim 55, wherein the step of applying an adhesive composition comprises applying a starch composition to the plurality of crests on the first side of the first web.

57. (New) The method of claim 56, wherein the starch composition is selected from the group consisting of maize starch, wheat starch, potato starch, and tapioca.

58. (New) The method of claim 55, wherein the step of applying a wetting agent to the plurality of crests on the first side of the first web comprises applying a water composition to the plurality of crests on the first side of the first web at a predetermined rate, wherein the predetermined rate is any one of a constant rate and a variable rate.

59. (New) The method of claim 55, wherein the step of applying a wetting agent to the crests on the first side of the first web comprises using any one of an anilox system, a sprayer, a plurality of rollers, a rod coater, and a belt system.